3461

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	3461	039	02	16	78	27AE	3602	7537

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0010	01	02	03	031	Y	NE	15

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	PR	SA	S	FT	151	—	14	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00009	0000	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36° 02'	75° 37'	1510	2993	10		1426	1427
							PU	ON
FINISH	36° 04'	75° 37'	1528	2996	11		1457	1459

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1350 2 /5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive Anadromous

2 Striped bass Tagged and released $2.00

10 Alewife (9 juv (1 dead)) 84 Blueback juv

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https://archive.org/details/danmoore346100unse

FIN	CRUST	SHELL	OTHER
9.2	0	0	0

R/V DAN MOORE SPECIES LIST

STA. NO. 3461 DATE 16 Feb 19 78 BIOLOGISTS BFH SGK JWG D.L.

TOT. CATCH WT. 9.2 AIR 3°C SURFACE 1.2°C BOTTOM 1.6°C

SAMPLE WT. — RAISING FACTOR — GRID 27AE

SPECIES	C or NC	SUBSAMPLE NUMBER	SUBSAMPLE WEIGHT	TOTAL NO.	TOTAL WT.	X̄ WT	REMARKS
Morone saxatilis				2	7.5	3.8	Tagged
Alosa pseudoharengus	adult			1	0.3	0.3	♂ 255 mm
	Juv			9	0.4	<0.1	
Alosa aestivalis	Juv.			89	0.75	<0.1	
small pipefish				1	<0.1	<0.1	saved
Menidia menidia				Trace		<0.1	
Urophycis regius				2	0.2	0.1	non-quantitative

Species: *Alosa aestivalis*

STATION: 3461
GRID: 27AE
DATE: 16 Feb '78

Specimen #	Fork Length (MM)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	68					Area II
2	80					
3	70					
4	67					
5	70		range			Total N = 89
6	88					
7	72					
8	78					
9	83					
10	82					Inshore
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
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49						
50						

Species: *Alosa pseudoharengus*

SPECIMEN #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS	STATION: 3461 GRID: 27AE DATE: 16Feb'78
1	255	♂				Area IV	
2	113	VNA					
3	122	"					
4	115	"					
5	109	"					
6	103	"					
7	85	"					
8	83	"					
9	88	"				Inshore	
10	90	"					
11							
12							
13							
14							
15							
16							
17							
18							
19							
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47							
48							
49							
50							

Species: Morone saxatilis

STATION: 3461
GRID: 27ME
DATE: 2/16/78

SPECIMEN #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	530	UNK				Both tagged
2	465	"				
3						Area [illegible]
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						Anchor
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
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36						
37						
38						
39						
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48						
49						
50						

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Alosa aestivalis

STATION: 3461

DATE: 2/16/78

LOCALITY: Area IV 27AE

T.L.					T.L.				
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL				
240-									
250-									
260-									
270-									
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370-									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

NON QUANT JUVS.:

N = 89 range 67-88

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Morone saxatilis

DATE: 2/16/78

STATION: 3461

LOCALITY: Area IV 27AE

T. L.			UNK		T. L.				
50-59.9					550 -				
60 -					560 -				
70 -					570 -				
80 -					580 -				
90 -					590 -				
100 -					600 -				
110 -					610 -				
120 -					620 -				
130 -					630 -				
140 -					640 -				
150 -					650 -				
160 -					660 -				
170 -					670 -				
180 -					680 -				
190 -					690 -				
200 -					700 -				
210 -									
220 -									
230 -					TOTAL				
240 -									
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460 -		I							
470 -									
480 -									
490 -									
500 -									
510 -									
520									
530 -		I							
540 -									

UNK N = 2 range 461 - 53[illegible]

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Alosa pseudoharengus

STATION: 3461

DATE: 2/16/78

LOCALITY: Area IV 27AE

T.L.	♂	♀	UNSEX	COMB
50-59.9				
60-				
70-				
80-				
90-				
100-				
110-				
120-			1	1
130-				
140-				
150-				
160-				
170-				
180-				
190-				
200-				
210-				
220-				
230-				
240-				
250-	1			1
260-				
270-				
280-				
290-				
300-	N=1		N=1	N=2
310-				
320-				
330-				
340-				
350-				
360-				
370				
380-				
390-				
400-				
410-				
420-				
430-				
440-				
450-				
460-				
470-				
480-				
490-				
500-				
510-				
520				
530-				
540-				

T.L.	
550-	
560-	NONQUANT. JUVS.
570-	
580-	N= 8 RANGE 83 - 115
590-	
600-	
610-	
620-	
630-	
640-	
650-	
660-	
670-	
680-	
690-	
700-	
TOTAL	

♂ N=1 255

UNSEX N=1 122

COMB N=2 122-255

PAGE ___ OF ___

1.9 kg

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 3461

Date 16 Feb '78

Area of Release 4mi NW Kitty Hawk Monument

LORAN Start 3H4 1510 3H5 2993 11fm

Finish 1528 2996 12fm

Tot. Fish Captured 2

Tot. Fish Tagged 2

No. Retained for analysis 0

Gear Type 151' wing trawl

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
C00027	4.5 lbs		530	Morone saxatilis	
C00028	3.0 lbs		464	Morone saxatilis	

3461